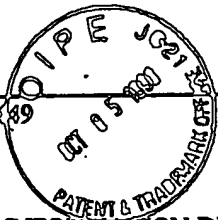


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FORM PT01-89  
(REV. 8-83)



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
HARI.006USP

SERIAL NO.  
09/103,056

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT  
ELIYAHOU HARARI et al.

FILED  
June 23, 1998

GROUP 2827  
2785

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
W	A12 4 4 7 9 2 1 4	10/23/84	Ryan			
W	A13 4 4 9 3 0 7 5	1/8/85	Anderson et al.			
W	A14 4 4 9 8 1 4 6	2/5/85	Martinez			
W	A15 4 5 2 5 8 3 9	6/25/85	Nozawa et al.			
W	A16 4 5 1 4 8 3 0	4/30/85	Hagiwara et al.			
W	A17 4 5 2 7 2 5 1	7/2/85	Nibby Jr. et al.			
W	A18 4 5 3 0 0 5 4	7/16/85	Hamstra et al.			
W	A19 4 5 6 3 7 5 2	1/7/86	Pelgrom et al.			
W	A20 4 6 0 1 0 3 1	7/15/86	Walker et al.			
W	A21 4 6 1 2 6 4 0	9/16/86	Mehrotra et al.			
W	A22 4 6 1 7 6 5 1	10/14/86	Ip et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)
B6 EP 0 3 9 2 8 9 5	1990	EPO			
B7 EP 0 2 4 3 5 0 3	1990	EPO			
B8 EP 0 4 9 2 1 0 6	1992	EPO			
B9 EP 0 5 2 2 7 8 0	1992	EPO			
B10 EP 0 5 6 9 0 4 0	1993	EPO			

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C4	Williams, "Asymmetric Memory Hierarchies", Communications of the Association for Computing Machinery, vol. 16, no. 4, April 1973, pp. 213-222.

EXAMINER

V. Nguyen


DATE CONSIDERED

1/10/99

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FORM PT01449 (REV. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. HARI.006USP		SERIAL NO. 09/103,056							
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT ELIYAHOU HARARI et al.									
				FILED June 23, 1998		GROUP. 2827 <del>2785-2878</del>							
U. S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
W	A23	4	6	7	2	2	4	0	6/9/87	Smith et al.			
W	A24	4	7	3	3	3	9	4	3/22/88	Giebel			
W	A25	4	6	5	4	8	4	7	3/31/87	Dutton			
W	A26	4	7	4	6	9	9	8	5/24/88	Robinson et al.			
W	A27	4	7	5	7	4	7	4	7/12/88	Fukushi et al.			
W	A28	4	6	8	8	2	1	9	8/18/87	Takemae			
W	A29	4	7	6	8	1	9	3	8/30/88	Takemae			
W	A30	4	7	7	4	7	0	0	9/27/88	Satoh et al.			
W	A31	4	7	9	4	5	6	8	12/27/88	Lim et al.			
W	A32	4	7	9	6	2	3	3	1/3/89	Awaya et al.			
W	A33	4	8	2	7	4	5	2	5/2/89	Toyama et al.			
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)
W	B11	EP	0	6	1	5	1	9	3	1994	EPO		
W	B12	GB	2	1	3	6	9	9	2	1984	United Kingdom		
W	B13	GB	2	2	5	1	3	2	3	1992	United Kingdom		
W	B14	GB	2	2	5	1	3	2	4	1992	United Kingdom		
W	B15	6	0	1	7	8	5	6	4	1985	Japan		Abstract
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)													
EXAMINER  V. Nguyen										DATE CONSIDERED  6/10/99			
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

FORM PT01449 (REV. 8-83)		<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 10px;">  </div> <div>             U.S. DEPARTMENT OF COMMERCE              PATENT AND TRADEMARK OFFICE           </div> </div>		ATTY. DOCKET NO. HARI.006USP	SERIAL NO. 09/103,056
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		APPLICANT ELIYAHOU HARARI et al.			
		FILED June 23, 1998		GROUP <u>2827</u> <del>2785</del>	

U. S. PATENT DOCUMENTS														
*EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE
W	A34	4	8	9	6	2	6	2	1/23/90	Wayama et al.				
W	A35	4	8	9	9	2	7	2	2/6/90	Fung et al.				
W	A36	4	9	1	4	5	2	9	4/3/90	Bonke				
W	A37	4	9	2	0	5	1	8	4/24/90	Nakamura et al.				
W	A38	4	9	2	4	3	3	1	5/8/90	Robinson et al.				
W	A39	4	9	2	4	3	7	5	5/8/90	Fung et al.				
W	A40	4	9	4	2	5	5	6	7/17/90	Sasaki et al.				
W	A41	4	9	4	5	5	3	5	7/31/90	Hosotani et al.				
W	A42	4	9	4	9	3	0	9	8/14/90	Rao				
W	A43	4	9	5	3	1	2	2	8/28/90	Williams				
W	A44	5	0	4	3	9	4	0	8/27/91	Harari				

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		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)
W	B16	6	0	1	7	9	8	5	7	1985	Japan			Abstract
W	B17	1	2	3	5	0	7	5	1989	Japan			Abstract	
W	B18	3	0	2	5	7	9	8	1991	Japan			Abstract	
W	B19	2	1	8	9	7	9	0	1990	Japan			Abstract	
W	B20	2	2	9	2	7	9	8	1990	Japan			Abstract	

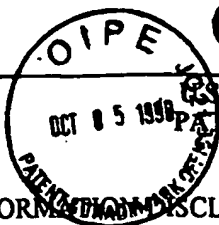
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)		

EXAMINER <div style="text-align: center; font-size: 1.2em; margin-top: 10px;">V. Nguyen</div>	DATE CONSIDERED <div style="text-align: center; font-size: 1.2em; margin-top: 10px;">1/10/99</div>
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FORM PT01449  
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
HARI.006USPSERIAL NO.  
09/103,056

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT  
ELIYAHOU HARARI et al.FILED  
June 23, 1998GROUP  
~~2785~~ ~~28152~~

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2827

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
W	A45 5 0 5 3 9 9 0	10/1/91	Kreifels et al.			
W	A46 5 0 6 5 3 6 4	11/12/91	Atwood et al.			
W	A47 5 1 2 3 0 1 6	6/16/92	Muller et al.			
W	A48 5 1 3 4 6 1 6	7/28/92	Barth Jr. et al.			
W	A49 5 2 4 5 5 7 2	9/14/93	Kosonocky et al.			
W	A50 6 2 6 3 0 0 3	11/16/93	Cowles et al.			
W	A51 5 2 6 7 2 1 8	11/30/93	Elbert			
W	A52 5 2 6 8 8 7 0	12/7/93	Harari			
W	A53 5 2 8 0 4 4 7	1/18/94	Hazen et al.			
W	A54 5 2 9 5 2 5 5	3/15/94	Malecek et al.			
W	A55 5 2 9 7 1 4 8	3/22/94	Harari et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)
W	A21 3 2 8 3 0 9 4	1991	Japan			Abstract
W	A22 3 0 3 0 0 3 4	1991	Japan			Abstract
W	A23 4 1 2 3 2 4 3	1992	Japan			Abstract
W	A24 4 2 4 3 0 9 6	1992	Japan			Abstract
W	A25 5 2 4 1 7 4 1	1993	Japan			Abstract

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)


EXAMINER

V. Nguyen

DATE CONSIDERED

6/10/99

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OCT 05 1998

ATTY. DOCKET NO.  
HARI.006USP

**SERIAL NO.**  
09/103.056

**APPLICANT**  
**ELIYAHOU HARARI et al.**

*(Use several sheets if necessary)*

**FILED**  
**June 23, 1998**

GROUP 2827  
2785 ~~2788~~

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

Hours of Study	Score on Test
0	0
1	10
2	30
3	55
4	80
5	85
6	88
7	90
8	91
9	92
10	90

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V. N. Kuznetsov

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7/20/06

U.S. Department of Commerce, Patent and Trademark				Atty. Docket No.		Application No.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				SNDK.006USP		09/103,056	
				Applicants		Conf. No.	
(Use several sheets if necessary)				Eliyahou Harari et al.		2582	
(Form PTO-1449)				Filing Date		Art Group	
				June 23, 1998		2827	

U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
W	1	3,676,877	7/1972	Kobayashi			
W	2	4,862,416	8/1989	Takeuchi			
W	3	4,916,605	4/1990	Beardsley et al.			
W	4	4,503,518	3/1985	Iwahashi			
W	5	4,297,719	10/1981	Hsu			

U.S. Published Patent Application Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
W	6	USPTO, "Office Action," mailed in related U.S. Application No. 10/278,444 on May 22, 2006, 52 pages.
W	7	Claims Pending in U.S. Application No. 10/278,444, as of July 20, 2006, 7 pages.

Examiner	V. Nguyen	Date Considered	3/28/06
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